

AMENDMENTS TO THE SPECIFICATION

On Page 24, Paragraph 1

The picture type discrimination section 10 receives data of frames of mpeg2 image compression information of an interlaced scan (hereinafter referred to as mpeg2 bit stream) as an input thereto and discriminates of which one of an intra-image coded picture (hereinafter referred to as i picture), an inter-frame predictive coded picture (hereinafter referred to as p picture) and a bi-directionally predicted coded picture (hereinafter referred to as b picture) is the data of each frame-~~is~~. The picture type discrimination section 10 transmits information regarding i pictures and p pictures (hereinafter referred to as i/p pictures) to the mpeg2 image information decoding section 12 but discards information regarding b pictures.

On Page 24, Paragraph 2

The compression information analysis section 11 analyzes an a average value Q over an entire frame of the quantization scale used for decoding processing and a total code amount (bit number) B allocated to the frame in the MPEG2 bit stream and sends necessary information to the information buffer 18.

On Page 36, Paragraph 2

Images of a ~~progressively~~ progressive scan produced by the reduction section 23 are stored into the video memory 14 and then undergo coding processing by the MPEG4 image information coding section 25, and consequently are outputted as an MPEG4 bit stream.